Controll-A-Door® P

SECTIONAL/TILT DOOR OPENER

Product Code
062501/062551

Description:

B&D's Controll-A-Door® P (CAD P) automatic opener is driven by a strong and reliable AC motor. With added features and improved styling it is designed to suit most types of sectional and tilting residential garage doors.

4 Piece C Rail Version

PART NO. 062500

Contains	
062506	Powerhead
062501	4 piece 2.3m C Rail/Chain kit
0T7099	240V, 40W ES rough service globe

1 Piece C Rail Version

PART NO. 062551

Contains	
062506	Powerhead
062551	1 piece 2.5m C Rail/Chain kit
0T7099	240V, 40W ES rough service globe

Specifications:

Motor Specifications

Rated Pull Force	800N
Stand-by Power Rating @ 230V	5.5W

Motor

Type	Permanent split capacitor
Speed	1500 rpm
Volts	230-240 Volts AC-50Hz only
Current	2.0 amperes

Drive Mechanism

Gears	16:1 worm gear reduction
Drive	Chain with one-piece trolley on steel C Rail
Length of Travel	Adjustable to 2.29m (7 1/2 feet)
Travel Rate	127mm (5") per second
Lamp	On when door starts, off 2 1/2 minutes after stop
Door Linkage	Adjustable door arm. Pull cord trolley release

Safety

Personal	Push button and stop. Push button and automatic reversal in down direction. Push button and automatic stop in up direction
Electronic	Independent up and down force adjustment screws
Electrical	Motor overload protector and low voltage push button wiring
Limit Device	Circuit actuated by limit nut
Limit Adjustment	Screwdriver adjustment on side panel
Start Circuit	Low voltage push button circuit

Dimensions

Length (overall)	3.23m (122 1/2")
Headroom Required	50mm
Hanging Weight	14.5kg (32 lb)

Receiver

Operating Frequency	433.92MHz
Transmitter Capacity	12
Dip Switch Capacity	1
Keypad Code	1

Warranty

Warranty (Years)	5 years

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Features:

- C Rail system encloses moving parts, ensuring a safer cleaner looking rail system.
- Automatic force sensing.
- Chain drive for greater torque handling.
- Chain noise reduction pads.
- 3 Channel transmitter.
- Positive locking.
- In-built automatic safety reverse system.
- Smart button receiver.
- Courtesy light, pre-set to 2.5 minutes.
- Manual disengagement cord.
- Automatic reset after a power failure.
- 433.92MHz frequency.

Method of operation:

Activate the operator by either the door control button, outside key switch or keyless entry system, the remote control transmitter or manually open the door, by pulling the release handle down and back toward the operator.

Door type:

Standard residential sectional, overhead and tilting garage doors.

Trouble shooting & maintenance:

Care of Your Opener

When properly installed, opener will provide high performance with a minimum of maintenance. The opener does not require additional lubrication.

Limit and Force Adjustments: These adjustments must be checked and properly set when opener is installed. Only a screwdriver is required to adjust the limits. Weather conditions may cause some minor changes in the door operation, requiring some re-adjustments, particularly during the first year of operation. **Follow the user manual instructions carefully and repeat the safety reverse test after any adjustment.**

Maintenance of Your Opener

Once a Month

- Manually operate door. If it is unbalanced or binding, call for professional garage door service.
- Check to be sure door opens & closes fully. Adjust limits and/or force if necessary.
- Repeat the safety reverse test. Make any necessary adjustments.

Twice a Year

- Check chain tension. Disconnect trolley first. Adjust if necessary.

Once a Year

- Oil door rollers, bearings and hinges. The opener does not require additional lubrication. Do not grease the door tracks.

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Trouble shooting guide:

1. Opener doesn't operate from either door control or remote:

- Does the opener have electric power? Plug lamp into outlet. If it doesn't light, check the fuse box or the circuit breaker. (Some outlets are controlled by a wall switch.)
- Have you disengaged all door locks? Review installation instruction warnings in your opener installation manual.
- Is there a build-up of ice or snow under door? The door may be frozen to ground. Remove any obstruction.
- The garage door spring may be broken. Have it replaced.
- Repeated operation may have tripped the overload protector in the motor. Wait 15 minutes. Try again.

2. Opener operates from remote but not from door control:

- Is door control button lit? If not, remove the bell wire from the opener terminals. Short the red and white terminals by touching both terminals at the same time with a piece of wire. If the opener runs, check for a faulty wire connection at the door control, a short under the staples, or a broken wire.
- Are wiring connections correct?

3. Door operates from door control but not from remote:

- Check battery. Replace battery if necessary.
- Is the light at the wall control flashing? Press button with key-symbol to unlock the opener against remote controls.
- Is the receiver LED flashing at the back-side of the opener when the transmitter is pressed? The opener receiver must re-learn the remote control code.
- If you purchased a new remote control then check on carton of remote control for compatibility or call the Service Hotline.

4. Remote has short range:

- Is battery installed? If needed, change the battery.
- Change the location of the remote control on the car.
- A metal garage door, foil-backed insulation or metal siding will reduce the transmission range.
- Use outside coaxial antenna adapter to move antenna.

5. Door reverses for no apparent reason and opener light doesn't blink:

- Is something obstructing the door? Pull manual release handle. Operate door manually. If it is unbalanced or binding, call for professional garage door service.
- Clear any ice or snow from garage floor area where garage door closes.
- Review Force Settings. Open and close the door in learn mode for several (3-5) consecutive cycles to allow the operator to adjust to inconsistent doors.
- If door reverses in FULLY CLOSED position, re-learn travel limits. Repeat safety reverse test after adjustment is complete. The need for occasional adjustment of the force and limit settings is normal. Weather conditions in particular can affect door travel.

6. Door reverses for no apparent reason and opener light blinks for 5 seconds after reversing:

- Check the Safety Infrared Reversing Sensor (if you have installed this accessory). If the light is blinking, correct alignment.

Note: Continuously holding down the door control button will allow the door to close if the protector system is not properly aligned. The transmitter will not close the door. The opener lights will blink.

7. Opener noise is disturbing in living quarters of home:

- If operational noise is a problem because of proximity of the opener to the living quarters, Vibration Isolator Kit (included with the operator) can be installed. This kit was designed to reduce the "sounding board effect" and is easy to install.

8. The garage door opens and closes by itself:

- Delete all remote controls and reprogram.
- Make sure remote push button is not stuck "on".
- Disconnect all push buttons or key switches attached and wait one day.

9. Door stops but doesn't close completely:

- Review Limit Adjustment section. Repeat safety reverse test after any adjustment of door arm length, close force or down limit.

See overleaf for continuation of Trouble shooting guide...

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10. Door opens but won't close:

- Check the Safety Infrared Reversing Sensor (if you have installed this accessory). If the light is blinking, correct alignment.
- If opener light does not blink and it is a new installation, check the down force. Repeat the safety reverse test after the adjustment is complete.

11. Opener light does not turn on:

- Replace light bulb (40 Watts maximum). Replace burned out bulbs with rough service light bulbs.

12. Opener light does not turn off:

- There may be a defective earth at the ceiling or wall receptacle. The unit must be earthed.

13. Opener strains or reversed during opening:

- Door may be unbalanced or springs are broken. Close door and use manual release rope and handle to disconnect trolley. Open and close door manually. A properly balanced door will stay in any point of travel while being supported entirely by its springs. If it does not, call for professional garage door service to correct the problem. Do not change force settings.

14. Opener motor hums briefly then won't work:

- Garage door springs are broken (see no. 13).
- If problem occurs on first operation of opener, door is locked. Disable door lock. If chain was removed and reinstalled, the motor may be out of phase. Remove chain; cycle motor to down position. Observe drive sprocket. When it turns in clockwise direction and stops in down position, re-install chain. Repeat safety reverse test after adjustment is complete.

15. Opener won't activate due to power failure:

- Pull manual release rope and handle down and back to disconnect trolley. Door can be opened and closed manually. When the power is restored, pull the manual release handle straight down. The next time the opener is activated, the trolley will reconnect.
- The Emergency Key Release accessory (if fitted) disconnects the trolley from outside the garage in case of power failure.

NUMBER OF FLASHES	PROBLEM
1	Safety infra-red beam interrupted, incorrectly aligned, or an object has interrupted the IR sensor for more than 4 seconds.
2	Safety infra-red beam system cable short-circuited or incorrectly connected.
3	Keylock or door control panel short-circuited.
4	Safety infra-red sensor slightly incorrectly aligned (dull or flashing sensor LED indicator).
5	No motor speed detected after one second. Motor has stalled or the electronics did not recognise the motor speed monitoring system. The opener stops or reverses door within 1 second.
6	Motor speed sensor caused the door to reverse (Force Setting).
Rapid Flashing	Remote control signal being received. Opener possibly not programmed on remote control.

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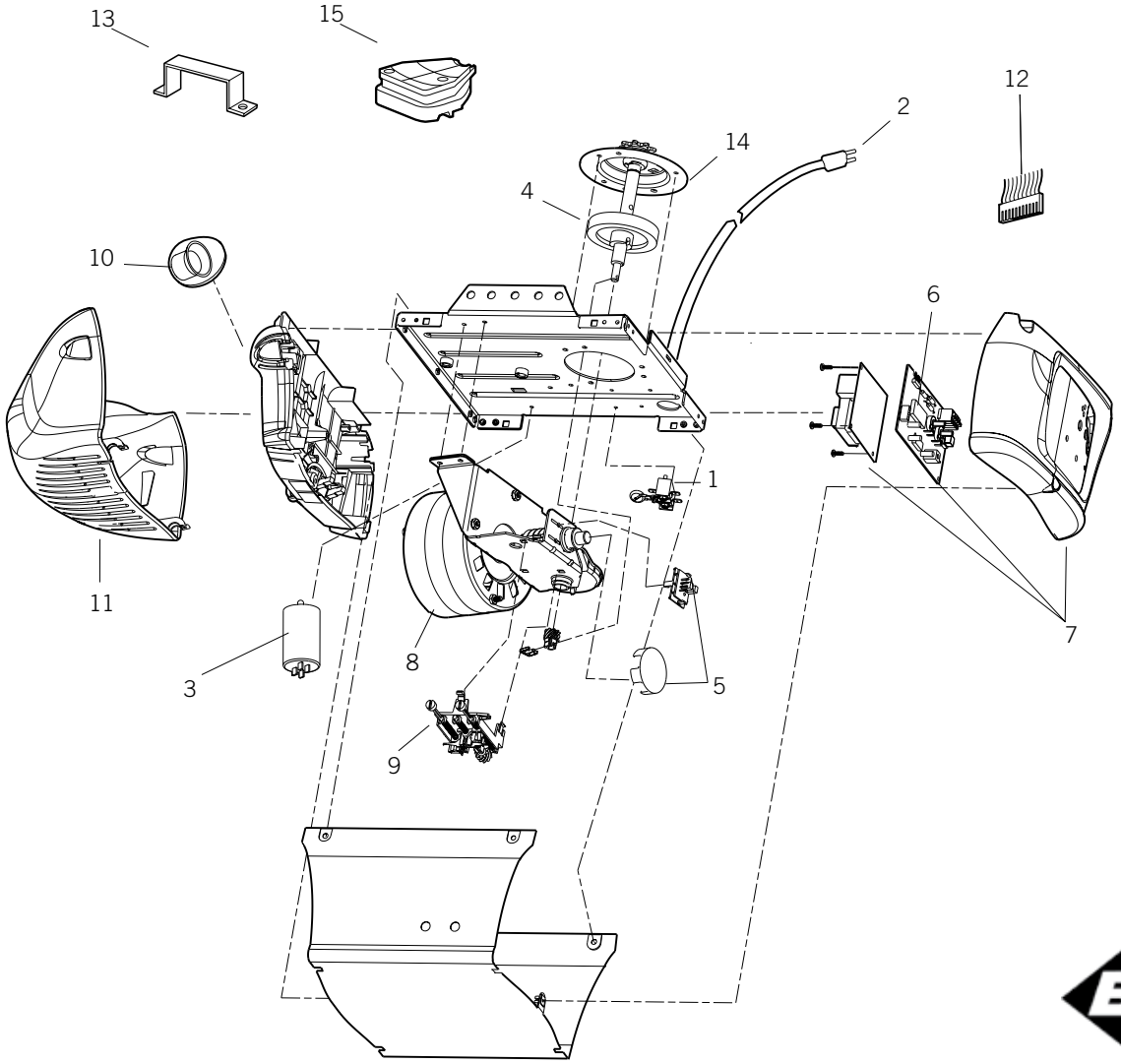
Spare parts list:

ITEM NO.	PART NO.	DESCRIPTION
1	62132	Block Terminal
2	62204	Power Supply Cord
3	62206	Capacitor
4	62216	Gear Kit Drive/Worm
5	62232	Sensor Assembly RPM
6	62528	RF Module 27MHz
7	62529	Receiver/Logic 433 End Panel - CAD P
8	62530	Assy Motor - CAD P
9	62531	Assy Limit Switch - CAD P
10	62532	Lamp Socket - CAD P
11	62533	Lamp Lens - CAD P
12	62534	Wiring Harness - CAD P
13	62535	Straps Rail Chassis - CAD P
14	62547	Assy, Gear and Sprocket - CAD P
15	62543	Belt Pulley Motor, C Rail



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Notes: